CLAIMS

1. An insert for receipt in a blade opening of a table of a cutting tool, with the insert comprising, in combination: a table insert portion having an outer periphery of a shape corresponding to the blade opening and of a size slightly smaller than and for slideable receipt in the blade opening, with the table insert portion further including an upper surface and a lower surface, with the table insert portion having a passage extending from the upper surface through the lower surface; and a kerf insert portion formed of cuttable material, with the kerf insert portion having a size and shape adapted to fit in the passage, with the kerf insert portion having an upper surface, with the kerf insert portion being insertable into the passage by movement perpendicular to the upper surface of the table insert portion and the kerf insert portion and being adjustably held inside of the passage with the upper surface of the kerf insert portion being planar with the upper surface of the table insert portion.

2. The insert of claim 1 with the kerf insert portion being adjustably held to the table insert portion by holding screws threadably received in at least one of the kerf insert portion and the table insert portion.

3. The insert of claim 2 with the kerf insert portion including holding screw openings for rotatable receipt of the holding screws, with the table insert portion including threaded, securement openings for threadable receipt of the holding screws.

4. The insert of claim 3 with the passage being stepped and including a lip extending from sides of the passage, with the threaded, securement openings located in the lip within the passage.

5. The insert of claim 4 with the kerf insert portion further having a continuous lower surface parallel to the upper surface, with the kerf insert portion having a thickness between the upper and lower surfaces less than between the upper and lower surfaces of the table insert portion.

6. The insert of claim 4 with the lip having an abutment surface for abutting with the kerf insert portion received in the passage, with the kerf insert portion being adjustably positioned in the passage by spacing the kerf insert portion from the abutment surface.

7. The insert of claim 6 with the kerf insert portion being adjustably positioned in the passage by adjustment devices mounted to the lip and abutting with the kerf insert portion adjacent to the holding screws.

8. The insert of claim 7 with the adjustment devices comprising at least one set screw threadably received in the lip adjacent each holding screw.

9. The insert of claim 7 with the adjustment devices comprising a pair of set screws threadably received in the lip on diametrically opposite sides of each holding screw.

10. The insert of claim 9 with the kerf insert portion including an access opening extending from the upper surface and aligned with each set screw.

11. The insert of claim 7 further comprising, in combination: a plurality of leveling screws threadably received in the table insert portion for adjusting the table insert portion such that the upper surface of the kerf insert portion is planar with an upper surface of the table.

12. The insert of claim 11 further comprising, in combination: first and second abutting elements, with each of the first and second abutting elements including means for biasing the abutting element away from the outer periphery and adapted to engage the blade opening of the table.

13. The insert of claim 12 with first and second plunger openings formed in the outer periphery, with the biasing means comprising a spring, with each of the first and second plunger openings receiving one of the abutting elements which sandwiches the spring inside the plunger opening.

14. The insert of claim 13 further comprising, in combination: a housing of a size and shape to be press fit in the plunger opening, with the abutting element and the spring received in the housing.

15. The insert of claim 14 with the abutting elements being spherical balls.

16. The insert of claim 14 with the outer periphery including first and second channels extending between the upper and lower surfaces of the table insert portion, with the plunger openings located with the channels.

17. The insert of claim 3 with the holding screw openings being counterbored.

18. The insert of claim 1 with the passage being stepped and including a lip extending from sides of the passage, with the lip having an abutment surface for abutting with the kerf insert portion received in the passage, with the kerf insert portion being held by being attached to the lip, with the kerf insert portion being adjustably positioned in the passage by spacing the kerf insert portion from the abutment surface.

19. The insert of claim 18 with the kerf insert portion being adjustably positioned in the passage by adjustment devices mounted to the lip and abutting with the kerf insert portion.

20. The insert of claim 19 with the adjustment devices comprising at least one set screw threadably received in the lip.

21. An insert for receipt in a blade opening of a table of a cutting tool, with the insert comprising, in combination: a table insert portion having an outer periphery of a shape corresponding to the blade opening and of a size slightly smaller than and for slideable receipt in the blade opening; and first and second abutting elements, with each of the first and second abutting elements including means for biasing the abutting element away from the outer periphery and adapted to engage the blade opening of the table.

22. The insert of claim 21 further comprising, in combination: first and second housings, with first and second plunger openings formed in the outer periphery, with the housings being of a size and shape to be press fit in the plunger openings, with each of the housings receivings one of the abutting elements and the biasing means.